

WHAT IS CLAIMED IS:

1. A liquid container storing a liquid that forms a plurality of concentration layers in a static state  
5 and having a supply port for supplying the liquid to another device, the liquid container comprising:

a hollow tubular member whose one end installed in the liquid container is connected to the supply port;  
at least one liquid supply hole formed in the  
10 tubular member; and

an air introducing port provided at a bottom of the tubular member to introduce air into the tubular member;

wherein the liquid in the liquid container is  
15 introduced into the tubular member through the liquid supply hole and the liquid thus introduced is supplied from the supply port to another device.

2. A liquid container as claimed in claim 1,  
20 wherein the tubular member extends vertically upward from a bottom of the liquid container to a height almost equal to an inner height of the liquid container and has the liquid supply hole formed therein at a plurality of vertically spaced locations,  
25 and the plurality of liquid supply holes each introduce nearby liquid into the tubular member.

3. A liquid container as claimed in claim 1,  
wherein the air introducing port is provided in a  
bottom of the liquid container and the air introduced  
into the tubular member through the air introducing  
5 port rises as a bubble in the tubular member to  
agitate the liquid inside the tubular member.

4. A liquid container as claimed in claim 1,  
wherein at least one of the liquid supply holes is as  
10 large as will allow the bubble introduced from the air  
introducing port to move therethrough out of the  
tubular member.

5. A liquid container as claimed in claim 1,  
15 wherein the liquid supply holes are open in the  
tubular member in a direction at a predetermined angle  
to a center axis of the tubular member.

6. A liquid container as claimed in claim 5,  
20 wherein the plurality of liquid supply holes are all  
open at the same angle to the center axis of the  
tubular member.

7. A liquid container as claimed in claim 1,  
25 wherein the tubular member, the supply port and the  
air introducing port combine to form an integral  
connection unit removable from the liquid container

body.

8. A liquid container as claimed in claim 1,  
wherein the liquid is a pigment ink.

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9. An ink jet printing apparatus, which mounts the liquid container of claim 8 and performs a printing operation by ejecting ink from a print head onto a print medium, the ink jet printing apparatus

10 comprising:

a supply means for communicating the supply port with the print head;

wherein the supply means extracts ink from the liquid container and supplies it to the print head as  
15 the ink is consumed by the print head.